

**IN THE CLAIMS:**

Please amend Claim 21 as provided in the following

Listing of Claims:

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Claims 1-20. (Canceled)

Claim 21. (Currently Amended) An apparatus, comprising:

a receiver, wherein the receiver receives information regarding an individual, wherein the information regarding an individual is transmitted from a computer or a communication device associated with a healthcare provider and is automatically received by the receiver via at least one of the Internet and the World Wide Web, wherein the information regarding an individual contains information regarding at least one of a diagnosis, ~~and a~~ treatment plan, an administration of a treatment, and a procedure;

a database or a memory device, wherein the database or a memory device is associated with the receiver and is located at a location remote from the computer or communication device associated with the healthcare provider, wherein the database or

the memory device stores information regarding a plurality of individuals, a plurality of healthcare providers, and a plurality of healthcare insurers or healthcare payers, and further wherein the information regarding a plurality of individuals, a plurality of healthcare providers, and a plurality of healthcare payers, includes healthcare records and a healthcare history for a plurality of individuals, information regarding a healthcare practice of, and an insurance accepted by, each of the plurality of healthcare providers, information for processing information regarding a healthcare diagnosis and a healthcare treatment, and information for submitting an insurance claim to each of the plurality of healthcare insurers or healthcare payers;

a processing device, wherein the processing device processes the information regarding an individual using information stored in the database or the memory device, and further wherein the processing device and at least one of stores the information regarding an individual in a the database or a the memory device and updates a healthcare record or a healthcare history associated with the individual, and further wherein the processing device automatically generates information regarding an insurance claim based on the information regarding the individual received by the receiver, information regarding the healthcare provider, and information regarding a healthcare insurer or healthcare payer associated with the individual,

wherein the ~~information regarding an~~ insurance claim is suitable for being automatically submitted to ~~a~~ the healthcare insurer or ~~a~~ the healthcare payer; and

a transmitter, wherein the transmitter ~~automatically~~ transmits the ~~information regarding an~~ insurance claim to a computer or a communication device associated with the healthcare insurer or the healthcare payer ~~so as to effectuate a submission of the insurance claim to the healthcare insurer or the healthcare payer,~~

~~wherein the processing device stores information regarding the submission of the insurance claim in the healthcare record associated with the individual.~~

Claim 22. (Previously Presented) The apparatus of Claim 21, wherein the processing device processes information regarding a symptom or an examination finding regarding the individual, and further wherein the processing device generates a diagnostic report containing information regarding a diagnosis or a list of possible diagnoses.

Claim 23. (Previously Presented) The apparatus of Claim 22, wherein the diagnostic report contains information regarding at least one of a probability of occurrence and statistical

information regarding the diagnosis or each diagnosis in the list of possible diagnoses.

Claim 24. (Previously Presented) The apparatus of Claim 22, wherein the processing device generates a treatment report containing information regarding a treatment for the diagnosis or each diagnosis in the list of possible diagnoses.

Claim 25. (Previously Presented) The apparatus of Claim 24, wherein the processing device generates the treatment report in conjunction with information regarding a drug interaction and a treatment interaction.

Claim 26. (Previously Presented) The apparatus of Claim 21, wherein the processing device processes information regarding at least one of a treatment associated with the diagnosis and a procedure associated with the diagnosis.

Claim 27. (Previously Presented) The apparatus of Claim 22, wherein the diagnostic report contains information regarding at least one of a misdiagnosis, a treatment success, and a treatment failure.

Claim 28. (Previously Presented) The apparatus of Claim 24, wherein the treatment report contains information regarding

at least one of an herbal remedy or treatment, a self-healing remedy or treatment, and an exercise remedy or treatment.

Claim 29. (Previously Presented) The apparatus of Claim 21, wherein the processing device processes information regarding at least one of a treatment to be administered to the individual and a procedure to be performed on the individual, and further wherein the processing device determines whether the at least one of a treatment to be administered to the individual and a procedure to be performed on the individual is correct or incorrect, wherein the processing device generates a treatment response message containing information regarding whether the at least one of a treatment to be administered to the individual and a procedure to be performed on the individual is correct or incorrect, wherein the apparatus transmits the treatment response message to at least one of a computer and a communication device associated with a healthcare provider or a healthcare facility.

Claim 30. (Previously Presented) The apparatus of Claim 29, wherein the treatment response message contains information regarding at least one of a treatment, a procedure, treatment instructions, procedure instructions, treatment steps, and procedure steps.

Claim 31. (Previously Presented) The apparatus of Claim 21, wherein the insurance claim contains information obtained with at least one of a heart rate monitor or measurement device, a thermometer, a blood pressure monitor or measurement device, a blood analysis device or machine, a respiration monitoring or measurement device, a dialysis machine, an electrocardiograph (EKG) machine or device, an electrocephalograph (EEG) machine or device, an electromyograph (EMG) machine or device, a magnetic resonance imaging (MRI) machine or device, an X-ray machine or device, a thermal imaging machine or device, a laprascopic device, an arthroscopic device, a catheter device, a sonogram imaging device, a sonograph device, an ultrasound imaging device, an ultrasound measurement device, a CAT SCAN device, a mammogram device, a carbon dioxide detection or measurement device, a carbon monoxide detection or measurement device, a transvascular impedance measurement or monitoring device, an ultrasonic imaging device, a bone conduction device, a brain function scan analyzer device, a fetal heart rate measurement, monitoring, or probing, device, an endotrachial cardiac monitoring device, a surgical instrument, a blood oxygen detection device, an esophageal probing device, a sphygmomanometer, a differential doppler device, a camera probing device, and a microscopic camera probing device.

Claim 32. (Previously Presented) The apparatus of Claim 21, wherein the information regarding the individual is transmitted to the processing device on or over at least one of the Internet and the World Wide Web.

Claim 33. (Previously Presented) The apparatus of Claim 21, further comprising:

a database, wherein the database contains healthcare records or medical histories associated with a plurality of individuals.

Claim 34. (Previously Presented) The apparatus of Claim 21, wherein the processing device processes information for scheduling an appointment with a healthcare provider.

Claim 35. (Previously Presented) The apparatus of Claim 21, wherein the apparatus detects an occurrence of an event for which a healthcare provider is to be notified, wherein the processing device generates a notification message, and further wherein the apparatus transmits the notification message to a computer or a communication device associated with the healthcare provider in real-time.

Claims 36-40. (Canceled)

Claim 41. (Previously Presented) The apparatus of Claim 21, wherein the information regarding an individual contains a digital X-ray file.

Claim 42. (Previously Presented) The apparatus of Claim 21, wherein the information regarding an individual contains a digital MRI file.

Claim 43. (Previously Presented) The apparatus of Claim 21, wherein the information regarding an individual contains a digital CAT scan file.

Claim 44. (Previously Presented) The apparatus of Claim 21, wherein the information regarding an individual contains video information or an image.

Claim 45. (Previously Presented) The apparatus of Claim 21, wherein the information regarding an individual contains audio information and an image.